

Message Text

SECRET

PAGE 01 MOSCOW 09250 271726Z

ACTION SY-05

INFO OCT-01 ISO-00 /006 W

-----100718 271855Z /47

R 271545Z JUN 77

FM AMEMBASSY MOSCOW

TO SCSTATE WASHDC 9187

S E C R E T MOSCOW 9250

SY CHANNEL

FOR A/SY/T

E.O. 11652: XGDS-3

TAGS: ASEC

SUBJECT: SPECIAL MEASUREMENT

1. MUTS SIGNAL ACTIVITY RECORDED THROUGHOUT THE PERIOD BEGINNING AT 1800 HOURS ON 24 JUNE AND ENDING AT 1800 HOURS ON 27 JUNE FOLLOWS:

DATE	MUTS ONE	MUTS TWO
25 JUNE	1045-1115(C)	---
26 JUNE	---	---
27 JUNE	0800-1000(B)	---
27 JUNE	---	1000-1155(B)
27 JUNE	1200-1400(B)	---
27 JUNE	---	1500-1800(B)

2. POWER DENSITY FIGURES CALCULATED USING POWER LEVEL MEASUREMENTS (IN PARENS) MADE DURING CERTAIN OF THE PARA ONE ACTIVITY PERIODS FOLLOWS:

DATE	TIME	SIGNAL	ROOM	POWER
25 JUNE	1059	ONE(C)	901E	.21 (14)
27 JUNE	1630	TWO(B)	901S	.20 (13)
27 JUNE	1738	TWO (B)	901S	.32 (21)

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3. MUTS ONE MODE C WAS MEASURED INDEPENDENTLY OF MODE B ON SATURDAY MORNING. THE SPECTRAL ACTIVITY IS CONFINED TO BETWEEN 4 AND 6 GHZ. THE POWER CONVERSION WAS ACCOMPLISHED USING AN EFFECTIVE APERTURE OF 140 SQUARE CENTIMETERS AND A "BOWMAN MULTIPLIER" OF 2.1. THESE ARE THE SAME CORRECTION FACTORS USED FOR THE B MODE.

4. RUSTRAK RECORDINGS SHOWED MUCH LEVEL FLUCTUATION DURING A SEVERE RAINSTORM FROM 1645 TO 1710 ON 27 JUNE. AFTER RAIN RUSTRAK SHOWED DECREASED LEVEL AND HP-432A SHOWED AN INCREASED LEVEL. THIS EMPHASIZES THE DISCREPANCIES THAT CAN EXIST WHEN MEASURING A LOCAL "HOT SPOT". MATLOCK

SECRET

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: SY
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Sent Date: 27-Jun-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Handling Restrictions: n/a
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ISecure: 2
Legacy Key: link1977/newtext/t19770615/aaaaamoi.tel
Line Count: 68
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Litigation History:
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Original Classification: SECRET
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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Reference: n/a
Retention: 0
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Review Content Flags:
Review Date: 17-Mar-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2022757
Secure: LOCK1
Status: NATIVE
Subject: SPECIAL MEASUREMENT
TAGS: ASEC
To: STATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/a356da75-c288-dd11-92da-001cc4696bcc
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